

**WHAT IS CLAIMED IS:**

1. A method of administering a biologically beneficial compound, comprising the steps of:

providing a beverage container having a cap assembly through which liquid in said beverage container is drunk;

forming a mass of a biologically beneficial compound on said cap assembly, wherein said mass of biologically beneficial compound passes into the mouth of a person drinking from said beverage container through said cap assembly.

2. The method according to Claim 1, further including the step of providing a removable protective cover around said mass of biologically beneficial material.

3. The method according to Claim 1, wherein said step of forming a mass includes compacting a powdered material into a solid form.

4. The method according to Claim 3, wherein said powdered material is compacted into said solid form directly around a section of said cap assembly.
5. The method according to Claim 3, wherein said powdered material is compacted into said solid form and is then attached to a section of said cap assembly.
6. The method according to Claim 1, wherein said step of forming a mass includes molding molten material around a portion of said cap assembly and allowing said molten material to solidify.
7. The method according to Claim 1, wherein said step of forming a mass includes forming an annular structure, and said method includes attaching said annular structure to a portion of said cap assembly.
8. The method according to Claim 1, wherein said biologically beneficial material is selected from a group consisting of pharmaceuticals and nutraceuticals.
9. The method according to Claim 1, wherein said step

of forming a mass includes the substeps of:

placing at least a segment of said cap assembly in a press;

placing powdered biologically beneficial material in said press; and

compressing said powdered biologically beneficial material into a solid form around said segment of said cap assembly.

10. The method according to Claim 1, further including a liquid in said beverage container that can be drunk through the cap assembly of said beverage container, wherein said biologically beneficial material is not completely soluble in said liquid.

11. The method according to Claim 1, further including a liquid in said beverage container that can be drunk through the cap assembly of said beverage container, wherein said biologically beneficial material is adversely effected over time when mixed with said liquid.

12. A method, comprising the steps of:

providing a bottle containing a consumable

liquid;

providing a cap assembly for said bottle, wherein said cap assembly can be selectively opened and said consumable liquid drunk from said bottle through said cap assembly;

providing a consumable material on said cap assembly, wherein said consumable material passes into the mouth when said consumable liquid is drunk directly from said cap assembly.

13. The method according to Claim 12, wherein said step of providing a consumable material includes compressing powdered material into a solid form on said cap assembly.

14. The method according to Claim 12, wherein said step of forming a mass includes molding molten material around a portion of said cap assembly and allowing said molten material to solidify.

15. The method according to Claim 12, wherein said step of forming a mass includes forming an annular structure, and said method includes attaching said annular structure to a portion of said cap assembly.

16. The method according to Claim 12, wherein said consumable material is selected from a group consisting of pharmaceutical compounds and nutraceutical compounds.

17. The method according to Claim 12, wherein said consumable material is not completely soluble in said consumable liquid.

18. A cap assembly for a beverage container, comprising:  
a cap having an exterior, wherein said cap is adapted to engage a beverage container;

a mass of material disposed on said exterior of said cap, wherein said material is selected from a group consisting of pharmaceuticals and nutraceuticals.

19. The assembly according to Claim 18, wherein said cap has an extended closure element and said mass of material is formed into a tubular structure around a segment of said closure element.

20. The assembly according to Claim 18, wherein said closure element is a first color and said mass of

material is a second color that contrasts with said first color.